

Resolution 5-10R1

**INTERFERENCE TO DATA COLLECTION SYSTEMS  
OPERATING IN THE 401-403 MHz FREQUENCY BAND  
ALLOCATED TO THE METEOROLOGICAL SATELLITE SERVICE  
AND THE EARTH EXPLORATION SATELLITE SERVICE**

The SFCG,

**CONSIDERING**

- a) that the current use of data collection systems is substantial and will grow considerably in the future;
- b) that all member agencies that operate data collection systems have reported interference in the 401-403 MHz band;
- c) that such interference is usually one of two types:
  - interference due to spurious emissions, which affects a single channel or a group of channels,
  - high power interference which affects the complete band and thus all channels;
- d) that such interference has already disrupted the operation of data collection services and at times rendered the systems totally unusable;
- e) that the interference could be due to other services allocated in the band such as meteorological aids and/or fixed/mobile terrestrial services;
- f) that some interference could be due to other services such as radiolocation devices not allocated in the band;
- g) the need to enable reliable, interference-free, operation of data collection systems;
- h) the need to further identify interfering sources;

**RESOLVES**

- 1. that concerned member agencies continue monitoring of interference, and exchange information on the nature and technical characteristics of the observed interference;
- 2. that member agencies report to the ITU Radiocommunications Bureau (Space Services Department), via their respective administrations, cases of interference from sources not authorized to use the band.